

Indiana Department of Environmental Management
Office of Air Quality
Indianapolis, IN

Subject: Exceptional Events Flagging for Wildfires

Parameter: PM_{2.5}

Sites: Jeffersonville and New Albany

Dates: July 19, 2006

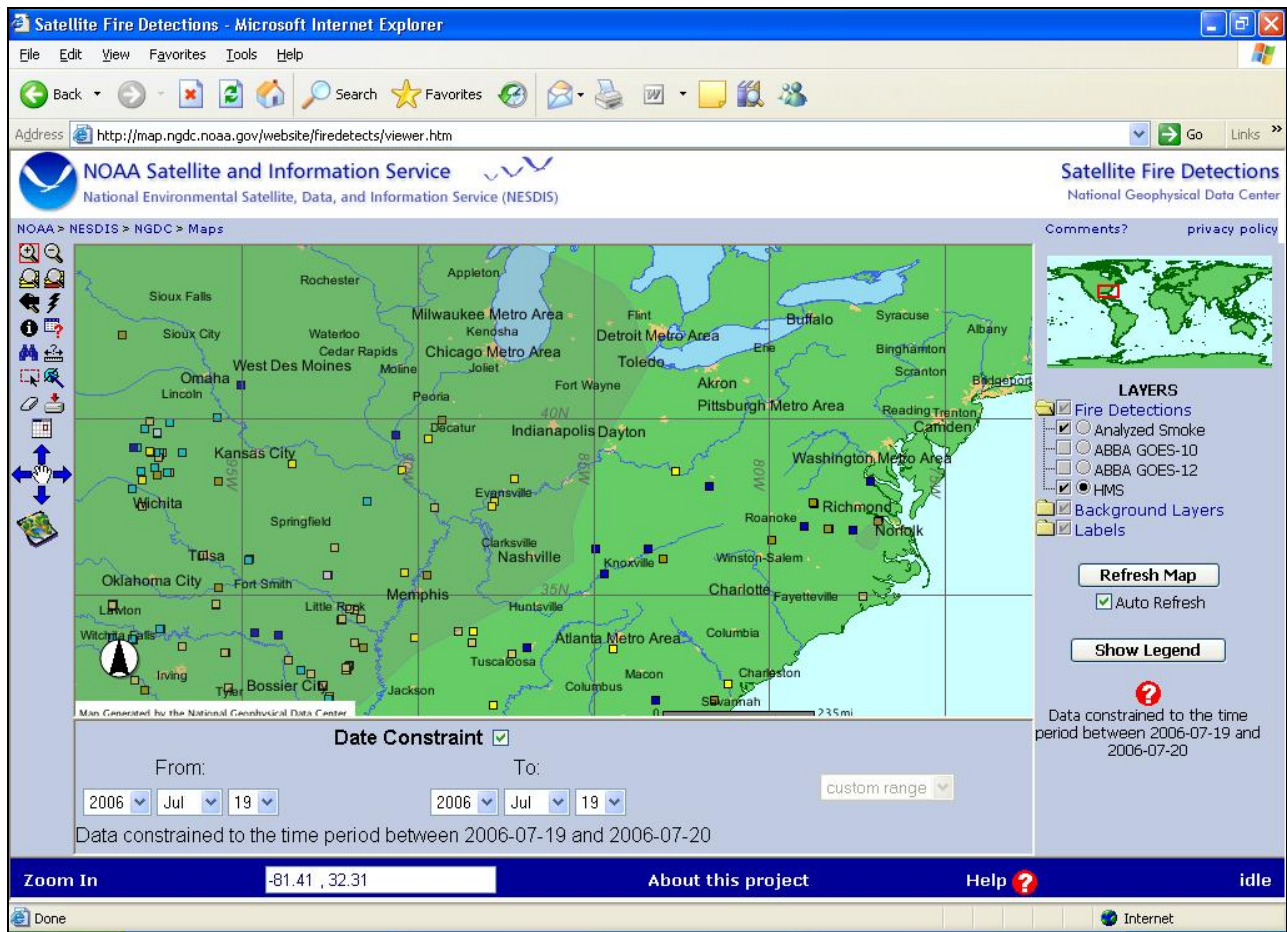
Reason: Smoke from numerous wildfires in Kansas, and surrounding states impacted the PM_{2.5} values at the Jeffersonville and New Albany sites.

Data: Table 1 shows daily FRM averages prior to, during, and after the event. The values were 36 and 38 ug/m³ on 7-19, while values before and after that date ranged from 10 to 16 ug/m³.

Maps: Images of maps from NOAA Satellite and Information Services show the smoke plume over the New Albany/Jeffersonville Metro Area on July 18-19, 2006.

Table 1
FRM PM_{2.5} 24-hour Averages

Date	New Albany 18-043-1004	New Albany (col) 18-043-1004	Jeffersonville 18-019-0006
07/16/06	12.8	13.6	16.7
07/19/06	38.1	no sample	36.4
07/22/06	9.7	10.6	9.7



Smoke map for July 19, 2006 clearly shows the Jeffersonville/New Albany area being impacted by the smoke plume.